

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 415072002300

Application Number 10/713,248

Applicant

Jennie P. MATHER et al.

Filing Date November 13, 2003

Group Art Unit Not Yet Assigned

Mailing Date February 23, 2004

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
/ALH/	1.	06/30/1987	4,676,980	Segal et al.			
	2.	03/28/1989	4,816,567	Cabilly et al.			
	3.	09/03/1996	5,552,391	Coutts et al.			
	4.	10/15/1996	5,565,332	Hoogenboom et al.			
	5.	12/03/1996	5,580,717	Dower et al.			
	6.	08/12/1997	5,656,444	Webb et al.			
	7.	09/09/1997	5,665,570	Yamagata et al.			
	8.	10/14/1997	5,677,425	Bodmer et al.			
	9.	03/31/1998	5,733,743	Johnson et al.			
	10.	06/02/1998	5,760,185	Kimachi et al.			
	11.	06/30/1998	5,773,247	Maeda et al.			
	12.	09/15/1998	5,807,715	Morrison et al.			
	13.	02/02/1999	5,866,692	Shitara et al.			
	14.	07/27/1999	5,929,212	Jolliffe et al.			
	15.	08/03/1999	5,932,225	Wallach et al.			
	16.	12/07/1999	5,997,867	Waldmann et al.			
	17.	04/25/2000	6,054,297	Carter et al.			
	18.	04/25/2000	6,054,561	Ring			
	19.	08/29/2000	6,110,724	Nakagomi et al.			
	20.	09/12/2000	6,117,653	Thoma			
	21.	01/30/2001	6,180,377	Morgan et al.			
	22.	04/04/2001	6,221,644	Berka et al.			
	23.	07/24/2001	6,265,150	Terstappen et al.			
	24.	12/18/2001	6,331,415	Cabilly et al.			
	25.	06/18/2002	6,406,840	Li et al.			
✓	26.	07/09/2002	6,416,999	Li et al.			

EXAMINER: /Anne Holleran/ (02/21/2008)

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 415072002300

Application Number 10/713,248

Applicant

Jennie P. MATHER et al.

Filing Date November 13, 2003

Group Art Unit Not Yet Assigned

Mailing Date February 23, 2004

/ALH/	27.	08/27/2002	6,441,163	Chari et al.			
-------	-----	------------	-----------	--------------	--	--	--

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date		Country	Class	Subclass	Translation YES NO
/ALH/	28.	12/23/1992	EP 0 519 596	Europe			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
/ALH/	29.	Aruffo, A. et al. (1987). "Molecular Cloning of a CD 28 cDNA by a High-Efficiency COS Cell Expression System," <i>Proc. Natl. Acad. Sci USA</i> 84:8573-8577.
	30.	Bird, R. E. et al. (1988). "Single-Chain Antigen-Binding Proteins," <i>Science</i> 242:423-426.
	31.	Brown, B. A et al. (1987). "Tumor-Specific Genetically Engineered Murine/Human Chimeric Monoclonal Antibody," <i>Cancer Res.</i> 47:3577-3583.
	32.	Carter, P. et al. (1992). "Humanization of an Anti-p185 <sup>HER2</sup> Antibody for Human Cancer Therapy," <i>Proc. Nat. Acad. Sci USA</i> 89:4285-4289.
	33.	Co, M. S. et al. (1991). "Humanized Antibodies for Antiviral Therapy," <i>Proc. Nat. Acad. Sci USA</i> 88:2869-2873.
	34.	Co, M. S. et al. (1992). "Chimeric and Humanized Antibodies with Specificity for the CD33 Antigen," <i>J. Immunol.</i> 148(4):1149-1154.
	35.	Coligan, J.E. et al., eds (1991). "Isolation of Proteins Using Antibodies," <i>In Current Protocols in Immunology</i> , John Wiley & Sons, Inc., Volume 2, Supplement 18, pp. 8.2.1-8.2.9.
	36.	Daugherty, B. L. et al. (1991). "Polymerase Chain Reaction Facilitates the Cloning, CDR-grafting, and Rapid Expression of a Murine Monoclonal Antibody Directed Against the CD 18 Component of Leukocyte Integrins," <i>Nucl. Acids Res.</i> 19(9):2471-2476.
	37.	Dillman, R. O. et al. (1988). "Superiority of an Acid-Labile Daunorubicin-Monoclonal Antibody Immunoconjugate Compared to Free Drug," <i>Cancer Research</i> 48:6097-6102.
	38.	Gorman, S. D. et al. (1991). "Reshaping a Therapeutic CD4 Antibody," <i>Proc. Nat. Acad. Sci USA</i> 88:4181-4185.
	39.	Jones, P. T. et al. (1986). "Replacing the Complementarity-Determining Regions in a Human Antibody with Those from a Mouse," <i>Nature</i> 321:522-525.
↓	40.	Kettleborough, C. A et al. (1991). "Humanization of a Mouse Monoclonal Antibody by CDR-grafting: Importance of Framework Residues on Loop Conformation," <i>Protein Engineering</i> 4(7):773-783.

EXAMINER:

/Anne Holleran/ (02/21/2008)

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FEB 27 2004

PTO/SB/08 (2-92)

Sheet 3 of 4

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 415072002300

Application Number 10/713,248

Applicant

Jennie P. MATHER et al.

Filing Date November 13, 2003

Group Art Unit Not Yet Assigned

Mailing Date February 23, 2004

/ALH/	41.	Kohler, G. et al. (1975). "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> 256:495-497.
	42.	Lobuglio, A. F. et al. (1989). "Mouse/Human Chimeric Monoclonal Antibody in Man: Kinetics and Immune Response," <i>Proc. Natl. Acad. Sci. USA</i> 86:4220-4224.
	43.	Lowe (1979). "An Introduction to Affinity Chromatography," <i>In Laboratory Techniques in Biochemistry and Molecular Biology</i> , North-Holland Publishing Company, Work, T. S. et al., eds., Volume 7 Part II, pp. 269-273 (Table of Contents Only).
	44.	Maeda, H. et al. (1991). "Construction of Reshaped Human Antibodies with HIV-Neutralizing Activity," <i>Human Antibodies Hybridomas</i> 2:124-134.
	45.	Mahato, R. I. et al. (1997). "Cationic Lipic-Based Gene Delivery Systems: Pharmaceutical Perspectives," <i>Pharm. Res.</i> 14(7):853-859.
	46.	Mangham D. C. et al. (1999). "A Novel Immunohistochemical Detection System Using Mirror Image Complementary Antibodies (MICA)," <i>Histopathology</i> 35(2):129-133.
	47.	Porath, J. et al. (1975). "Biospecific Affinity Chromatography and Related Methods," Chapter 2 <i>In The Proteins</i> , 3 <sup>rd</sup> edition, Neurath, H. et al., eds. Academic Press, Volume 1 pp. 95-178.
	48.	Riechmann, L. et al. (1988). "Reshaping Human Antibodies for Therapy," <i>Nature</i> 332:323-327
	49.	Shaw, D. R et al (1987). "Characterization of a Mouse/Human Chimeric Monoclonal Antibody (17-1A) to a Colon Cancer Tumor-Associated Antigen," <i>J. Immunol.</i> 138:4534-4538.
	50.	Shen, W-C et al. (1981). "CIS-Aconityl Spacer Between Daunomycin and Macromolecular Carriers: A Model of Ph-Sensitive Linkage Releasing Drug From a Lysosomotropic Conjugate," <i>Biochem. Biophys Res. Commun</i> 102:1048-1054.
	51.	Stephan, J-P et al. (1999). "Distribution and Function of the Adhesion Molecule BEN During Rat Development," <i>Dev. Bio.</i> 212:264-277.
	52.	Stephan, J-P. et al. (1999). "Selective Cloning of Cell Surface Proteins Involved in Organ Development: Epithelial Glycoprotein Is Involved in Normal Epithelial Differentiation," <i>Endocrinology</i> 140(12):5841-5854.
	53.	Tempest, P. R. et al. (1991). "Reshaping a Human Monoclonal Antibody to Inhibit Human Respiratory Syncytial Virus Infection <i>In Vivo</i> ," <i>Bio/Technology</i> 9:266-271.
	54.	Trouet, A. et al. (1982). "A Covalent Linkage Between Daunorubicin and Proteins That is Stable in Serum and Reversible by Lysosomal Hydrolases, as Required for a Lysosomotropic Drug-Carrier Conjugate: <i>In Vitro</i> and <i>In Vivo</i> Studies," <i>Proc. Natl. Acad. Sci.</i> 79:626-629.
	55.	Verhoeven, M. et al. (1988). "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," <i>Science</i> 239:1534-1536.
✓	56.	Weimer, L. M. et al. (2001). "Therapeutic Monoclonal Antibodies: General Principles," Chapter 20, Section 5 <i>In Cancer: Principles and Practice of Oncology</i> , 6 <sup>th</sup> Edition, Freeman, Jr., Stuart, J. et al., eds, Lippincott Williams & Wilkins, pp. 495-508.

EXAMINER:

/Anne Holleran/ (02/21/2008)

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/08 (2-92)

pa- 841217

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ALH/

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 415072002300

Application Number 10/713,248

Applicant

Jennie P. MATHER et al.

Filing Date November 13, 2003

Group Art Unit Not Yet Assigned

Mailing Date February 23, 2004

/ALH/

- |     |  |
|-----|--|
| 57. | Wheatley, S. P. et al. (1998). "Indirect Immunofluorescence Microscopy in Cultured Cells," Chapter 18 <i>In Animal Cell Culture Methods</i> , Mather, J.P. and Barnes, eds, Academic Press, Inc. Vol 57, pp. 313-332.  |
| 58. | Winter, G. et al. (1994). "Making Antibodies By Phage Display Technology," <i>Annual. Rev. Immunol.</i> 12:433-455.  |
| 59. | Winter, G. et al. (1991). "Man-Made Antibodies," <i>Nature</i> 349:293-299.  |
| 60. | Woodruff, T. K. (1998). "Cellular Localization of mRNA and Protein: <i>In Situ</i> Hybridization Histochemistry and <i>in Situ</i> Ligand Binding," Chapter 19 <i>In Animal Cell Culture Methods</i> , Mather, J.P. et al., eds, Academic Press, Inc. Vol 57, pp. 333-351. |
| 61. | Yang, H. M. et al. (1988). "Pharmacokinetics and Mechanism of Action of a Doxorubicin-Monoclonal Antibody 9.2.27 Conjugate Directed to a Human Melanoma Proteoglycan," <i>J. Natl. Can. Inst</i> 80:1154-1159.   |

EXAMINER:

/Anne Holleran/ (02/21/2008)

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.